

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Patent Application

Inventors(s): David John Bishop
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Brijesh Vyas

Case: 57-17-4-19-14-18

Serial No.: **Group Art Unit:** Not assigned yet

Filing Date: **Examiner:** Not assigned yet

Title: Micro-Channel Chemical Concentrator

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, DC 20231**

SIR:

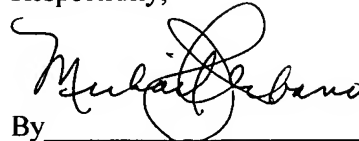
INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement (IDS) is submitted for consideration in the above-identified application.

Copies of the reference(s) listed in the IDS are enclosed.

NO FEE IS REQUIRED.

Respectfully,



By _____
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610-691-7710

Date: 02/23/04

Att. IDS with reference(s)

FORM PTO-1449 (REV. 1-84)	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	CASE NO. 57-17-4-19-14-18	SERIAL NO
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: David John Bishop et al.	
		FILING DATE	GROUP

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	6	4	0	9	0	7	2	06/02	Breuer et al.	228	111.5	
	AB	6	5	4	1	6	7	6	04/03	Franz et al.	585	250	
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY/AUTHOR	CLASS	SUB- CLASS	TRANSL'N YES NO	
	AL													
	AM													
	AN													
	AO													
	AP													

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)												
	AR	Duke et al., "Microfabricated Sieve...", <i>Phys. Rev. Lett.</i> , Vol. 80, No. 7, pp. 1552-1555 (Feb 1998)										
	AS	Burns et al., "An Integrated Nanoliter...", <i>Science</i> , Vol. 282, pp. 484-487 (Oct 1998)										
	AT	Cummings et al., "Continuous Streaming...", <i>7th International Conference on Miniaturized Chemical and Biochemical Analysis Systems</i> , Squaw Valley, CA, pp. 41-44 (Oct 2003)										
	AU	Jo et al., "Three-Dimensional Micro-Channel...", <i>J. Microelectromech. Syst.</i> , Vol. 9, No. 1, pp. 76-81 (Mar 2000)										
	AV	Wei et al., "Low temperature wafer...", <i>J. Micromech. and Microeng.</i> , Vol. 13, pp. 217-222 (2003)										
	AW	Ma et al., "Low Temperature Bonding...", <i>Final Report 1998-99 for MICRO Project 98-144</i> (3 unnumbered pages), University of California, Davis, CA (Dec 2003)										
	AX	Van Laar, <i>Z. Physik Chem.</i> , Vol. 72, p.723 (1910) [no copy attached]										

EXAMINER: SHEET <u>1</u> OF <u>1</u>	DATE CONSIDERED:
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